

## REMARKS

By the present amendment, Claims 1, 4 and 7 have been amended. Claims 1 and 3-8 remain pending in the application, with Claims 1, 4 and 7 being independent claims. Claims 1 and 3-8 are again rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over Curry (U.S. Patent No. 6,542,497 B1) in view of Neumann (U.S. Patent No. 6,744,761 B1).

To further distinguish over the cited art, Claim 1 has been amended to recite, in part, a user programming system for a PBX (Private Branch Exchange), the system including a connection board located at the PBX with a unique IP (Internet Protocol) address and connected to an Internet; and a web server being coupled to a remote client, the web server connected to the PBX through the Internet, for managing a database of the PBX of a user program for the PBX, wherein the remote client programs the PBX through the web server when the web server authorizes the remote client to update [[a]] the database through a predetermined authentication procedure, and the web server uploads the database to the PBX upon receipt of an upload request for the database from the client. Independent Claims 4 and 7 have been amended in a similar manner.

Curry describes a localized wireless gateway system that provides wireless telephone communication, and for at least interexchange communication, provides voice telephone access to a public data network, such as the Internet. Curry generally describes terminal devices 21 and 29 that communicate with the computers and servers as well as each other. However, Curry nowhere describes using terminal devices 21, 29 or any other devices to program the PBX 65 through a web server.

Neumann describes a method and system for handling a plurality of incoming media streams of varying types. Neumann generally describes a media response system (MRS) 100 shown in FIGs. 1 and 2. Neumann also generally describes remote clients in the form of a telephone station 134, an e-mail application 134, a web browser 136, and a video conferencing

application 138. Neumann fails to supplement the deficiencies of Curry because Neumann nowhere describes using telephone station 134, an e-mail application 134, a web browser 136, and a video conferencing application 138 to program the PBX 104 through a web server.

In contrast, the present invention enables a user to update a program in a PBX at a remote location by using a PC, e.g. accessing a web server by a remote client and managing all databases, and to update a corresponding database.


In particular, Curry, Neumann, or any combination thereof, fails to teach or reasonably suggest a user programming system for a PBX (Private Branch Exchange), the system including a connection board located at the PBX with a unique IP (Internet Protocol) address and connected to an Internet; and a web server being coupled to a remote client, the web server connected to the PBX through the Internet, for managing a database of the PBX of a user program for the PBX, wherein the remote client programs the PBX through the web server when the web server authorizes the remote client to update the database through a predetermined authentication procedure, and the web server uploads the database to the PBX upon receipt of an upload request for the database from the client. Curry, Neumann, or any combination thereof, also fails to teach or reasonably suggest similar recitations in independent Claims 4 and 7.

Accordingly, amended independent Claims 1, 4 and 7 are allowable over Curry, Neumann, or any combination thereof.

While not conceding the patentability of the dependent claims, *per se*, Claims 3, 5, 6 and 8 are also allowable for at least the above reasons.

Accordingly, all of the claims pending in the Application, namely, Claims 1 and 3-9, are in condition for allowance. Should the Examiner believe that a telephone conference or personal interview would facilitate resolution of any remaining matters, the Examiner may contact Applicant's attorney at the number given below.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read "Paul J. Farrell", is written over a horizontal line.

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